

# KT-ES1000 Dry Bath Incubator (heating lid)



# **Description:**

The KT-ES1000 Dry Bath Incubator is a semi-conductor controlled heating & cooling instrument with automatic temperature control design. The flexible timer, constant temperature function and multi-point operation mode make it a unique and an ideal lab instrument.

### Features:

- Instantly displays operation information on the LCD screen.
- Has combined temperature control system and block system. Each block
  has a built-in temperature sensor and heating/cooling unit, ensuring that temperature control is more accurate and
  the heating speed is much faster.

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- Interchangeable, auto-recognized blocks.
- Adjustable heating lid. Temperature of heating lid can be controlled.
- Multi-point(max. 5 points) and Multi-cycle( Max.99 times) operation modes are provided.
- Auto restart in case of power failure.
- Over-heating protection device is included.
- Built-in temperature calibration function.

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## Parameters:

Block   ES series   ESC series	meters:	THIS THIS THIS	
Temp setting range	Model	KT-ES1000	KT-ES1000
Temp control range	Block	ES series	ESC series
Time range	Temp setting range	0°C~100°C	
Temp accuracy			1/4. 1/4. 1/4. 1/4.
Display accuracy	Time range		to to to
Temp uniformity	Temp accuracy	≤±0.3°C@37°C	≤±0.3°C@37°C
Heating time	Display accuracy	0.1℃	0.1°C
Cooling time 1 ≤12min(from 100°C to 25°C)*  Cooling time 2 ≤25min(from RT to RT-25°C)*  Heating lid temp setting range  Heating lid temp accuracy ≤±0.5°C* ≤±0.5°C*  Heating lid heating time ≤10min(from 25°C to 100°C)*  Storage at 4°C Yes *  Multi-points running Yes(Max 5points) Yes(Max 5points)  Multi-cycle Yes(Max 99times) Yes(Max 99times)  Auto running Yes Yes  Auto heating Yes Yes  Auto resume to run Yes Yes  Capacity See optional block See optional block  Power 150W 150W  Voltage AC110 or AC220V/50-60HZ AC110 or AC220V/50-60HZ  Fuse 250V 3A Φ5×20 250V 3A Φ5×20  Dimension(mm) 300x200x210  Weight(kg) 4.0 4.7  * Test condition: RT.25°C±2°C, block is 1.5mlx35, use mercurial thermometer, accuracy	Temp uniformity	≤±0.3°C@37°C	≤±0.3°C@37°C
Cooling time 2          ≤25min(from RT to RT-25°C)*           Heating lid temp setting range         OFF~+10°C         OFF~+10°C           Heating lid temp accuracy         ≤±0.5°C*         ≤±0.5°C*           Heating lid heating time         ≤10min(from 25°C to 100°C)*         ≤10min(from 25°C to 100°C)*           Storage at 4°C          Yes *           Multi-points running         Yes(Max 5points)         Yes(Max 5points)           Multi-cycle         Yes(Max 99times)         Yes(Max 99times)           Auto running         Yes         Yes           Auto heating         Yes         Yes           Auto resume to run         Yes         Yes           Capacity         See optional block         See optional block           Power         150W         150W           Voltage         AC110 or AC220V/50-60HZ         AC110 or AC220V/50-60HZ           Fuse         250V 3A Φ5×20         250V 3A Φ5×20           Dimension(mm)         300x200x210         300x200x210           Weight(kg)         4.0         4.7           *Test condition: RT.25°C±2°C, block is 1.5mlx35, use mercurial thermometer, accuracy	Heating time	≤12min(from 25°C to 100°C)*	≤12min(from 25°C to 100°C)*
Heating lid temp setting range  Heating lid temp accuracy  S±0.5°C*  Heating lid heating time  Storage at 4°C  Multi-points running  Yes(Max 5points)  Multi-cycle  Yes(Max 99times)  Auto running  Yes  Auto heating  Yes  Auto resume to run  Yes  Capacity  See optional block  Power  150W  Voltage  AC110 or AC220V/50-60HZ  Fuse  250V 3A Φ5×20  Dimension(mm)  OFF~+10°C  OFF~	Cooling time 1	K K - K +	≤12min(from 100°C to 25°C)*
range  Heating lid temp accuracy  S±0.5°C*  Heating lid heating time  Storage at 4°C  Multi-points running  Yes(Max 5points)  Multi-cycle  Auto running  Yes  Auto resume to run  Yes  Capacity  See optional block  Power  150W  Voltage  AC110 or AC220V/50-60HZ  Fuse  250V 3A Ф5×20  Dimension(mm)  Set 0.5°C*  S±0.5°C*  S±0.5°C*  S±0.5°C*  S±0.5°C*  S±10min(from 25°C to 100°C)*  S10min(from 25°C to 100°C)*  Yes  Yes  Yes  Yes(Max 5points)  Yes(Max 99times)  Yes  Yes  Yes  Yes  Auto resume to run  Yes  See optional block  See optional block  Power  150W  150W  Voltage  AC110 or AC220V/50-60HZ  AC110 or AC220V/50-60HZ  Fuse  250V 3A Ф5×20  Dimension(mm)  300x200x210  Weight(kg)  4.0  *Test condition: RT.25°C±2°C, block is 1.5mlx35, use mercurial thermometer, accuracy	Cooling time 2	THIM THIM THIM	≤25min(from RT to RT-25°C)*
Heating lid heating time ≤10min(from 25°C to 100°C)*  Storage at 4°C Yes *  Multi-points running Yes(Max 5points) Yes(Max 5points)  Multi-cycle Yes(Max 99times) Yes(Max 99times)  Auto running Yes Yes  Auto heating Yes Yes  Auto resume to run Yes Yes  Capacity See optional block See optional block  Power 150W 150W  Voltage AC110 or AC220V/50-60HZ AC110 or AC220V/50-60HZ  Fuse 250V 3A Φ5×20 250V 3A Φ5×20  Dimension(mm) 300x200x210  Weight(kg) 4.0 4.7  * Test condition: RT.25°C±2°C, block is 1.5mlx35, use mercurial thermometer, accuracy		OFF~+10°C	OFF~+10°C
Storage at 4°C          Yes *           Multi-points running         Yes(Max 5points)         Yes(Max 5points)           Multi-cycle         Yes(Max 99times)         Yes(Max 99times)           Auto running         Yes         Yes           Auto heating         Yes         Yes           Auto resume to run         Yes         Yes           Capacity         See optional block         See optional block           Power         150W         150W           Voltage         AC110 or AC220V/50-60HZ         AC110 or AC220V/50-60HZ           Fuse         250V 3A Φ5×20         250V 3A Φ5×20           Dimension(mm)         300x200x210         300x200x210           Weight(kg)         4.0         4.7           * Test condition: RT.25°C±2°C, block is 1.5mlx35, use mercurial thermometer, accuracy	Heating lid temp accuracy	≤±0.5℃*	≤±0,5°C*
Multi-points running  Yes(Max 5points)  Yes(Max 99times)  Yes(Max 99times)  Yes(Max 99times)  Auto running  Yes  Auto heating  Yes  Yes  Auto resume to run  Yes  Capacity  See optional block  Power  150W  Yes  See optional block  Yes  AC110 or AC220V/50-60HZ  Fuse  250V 3A Φ5×20  Dimension(mm)  300x200x210  Weight(kg)  4.0  Yes(Max 5points)  Yes(Max 99times)  Yes  Yes  Acs Yes  Auto resume to run  Yes  Yes  Auto resume to run  Yes  Yes  Yes  AC110 or AC220V/50-60HZ	Heating lid heating time	≤10min(from 25°C to 100°C)*	≤10min(from 25°C to 100°C)*
Multi-points running  Yes(Max 5points)  Yes(Max 99times)  Yes(Max 99times)  Yes(Max 99times)  Yes  Auto running  Yes  Yes  Auto heating  Yes  Yes  Auto resume to run  Yes  Capacity  See optional block  Power  150W  Yes  See optional block  Yes  AC110 or AC220V/50-60HZ  Fuse  250V 3A Φ5×20  Dimension(mm)  300x200x210  Weight(kg)  4.0  Yes(Max 5points)  Yes(Max 99times)  Yes  Yes  Actin or Acgue  Actin or Acgue  A	Storage at 4°C		Yes*
Multi-cycle         Yes(Max 99times)         Yes(Max 99times)           Auto running         Yes         Yes           Auto heating         Yes         Yes           Auto resume to run         Yes         Yes           Capacity         See optional block         See optional block           Power         150W         150W           Voltage         AC110 or AC220V/50-60HZ         AC110 or AC220V/50-60HZ           Fuse         250V 3A Φ5×20         250V 3A Φ5×20           Dimension(mm)         300x200x210         300x200x210           Weight(kg)         4.0         4.7           * Test condition: RT.25°C±2°C, block is 1.5mlx35, use mercurial thermometer, accuracy	E. E. E.	Yes(Max 5points)	Yes(Max 5points)
Auto running  Yes  Auto heating  Yes  Yes  Auto resume to run  Yes  Capacity  See optional block  Power  150W  Voltage  AC110 or AC220V/50-60HZ  Fuse  250V 3A Φ5×20  Dimension(mm)  300x200x210  Weight(kg)  * Test condition: RT.25°C±2°C, block is 1.5mlx35, use mercurial thermometer, accuracy	The The The	1/4, 1/4, 1/4,	14, 14, 14, 14,
Auto heating         Yes         Yes           Auto resume to run         Yes         Yes           Capacity         See optional block         See optional block           Power         150W         150W           Voltage         AC110 or AC220V/50-60HZ         AC110 or AC220V/50-60HZ           Fuse         250V 3A Φ5×20         250V 3A Φ5×20           Dimension(mm)         300x200x210         300x200x210           Weight(kg)         4.0         4.7           * Test condition: RT.25°C±2°C, block is 1.5mlx35, use mercurial thermometer, accuracy	Kr. Kr. Kr.	K K K K	To To To
Auto resume to run  Yes  Capacity  See optional block  Power  150W  Voltage  AC110 or AC220V/50-60HZ  Fuse  250V 3A Φ5×20  Dimension(mm)  300x200x210  Weight(kg)  * Test condition: RT.25°C±2°C, block is 1.5mlx35, use mercurial thermometer, accuracy		The Market Market	Yes
Capacity         See optional block         See optional block           Power         150W         150W           Voltage         AC110 or AC220V/50-60HZ         AC110 or AC220V/50-60HZ           Fuse         250V 3A Φ5×20         250V 3A Φ5×20           Dimension(mm)         300x200x210         300x200x210           Weight(kg)         4.0         4.7           * Test condition: RT.25°C±2°C, block is 1.5mlx35, use mercurial thermometer, accuracy	K, K, K,	Yes	Yes
Power         150W         150W           Voltage         AC110 or AC220V/50-60HZ         AC110 or AC220V/50-60HZ           Fuse         250V 3A Φ5×20         250V 3A Φ5×20           Dimension(mm)         300x200x210         300x200x210           Weight(kg)         4.0         4.7           * Test condition: RT.25°C±2°C, block is 1.5mlx35, use mercurial thermometer, accuracy	the the the	See optional block	
Voltage         AC110 or AC220V/50-60HZ         AC110 or AC220V/50-60HZ           Fuse         250V 3A Φ5×20         250V 3A Φ5×20           Dimension(mm)         300x200x210         300x200x210           Weight(kg)         4.0         4.7           * Test condition: RT.25°C±2°C, block is 1.5mlx35, use mercurial thermometer, accuracy			
Fuse         250V 3A Φ5×20         250V 3A Φ5×20           Dimension(mm)         300x200x210         300x200x210           Weight(kg)         4.0         4.7           * Test condition: RT.25°C±2°C, block is 1.5mlx35, use mercurial thermometer, accuracy			
Dimension(mm) 300x200x210 300x200x210  Weight(kg) 4.0 4.7  * Test condition: RT.25°C±2°C, block is 1.5mlx35, use mercurial thermometer, accuracy			
Weight(kg)  * Test condition: RT.25°C±2°C, block is 1.5mlx35, use mercurial thermometer, accuracy			
* Test condition: RT.25°C±2°C, block is 1.5mlx35, use mercurial thermometer, accuracy		All All All	
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# Optional <u>Block</u>s ETHINK KETHINK

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依, 作,	ESC-02	35x1.5ml centrifuge t	1	-25°C~100°C	1	K,	1
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E E	ESC-04 ESC-05	96x0.2ml centrifuge t 96x0.2ml Elisa pla	F. F.	-25°C~100°C	1	KE,	K
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色, 色,	ES-07	35x1.5ml centrifuge t		Γ+5°C~100°C		KE,	K
THIM THINK	ES-08	54x0.5ml centrifuge t	11- 11-	<b>Γ+5℃~100℃</b>	· H	· HIM	
医, 医,	ES-09	96x0.2ml centrifuge t		<b>Γ+5℃~100℃</b>	K.	KE,	1
CHIM CHIM	ES-10	96x0.2ml Elisa pla	x x	<b>Γ+5℃~100℃</b>	THE WAY	HIM	
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